

GLOBAL GPU INTELLIGENCE

Synthesizing AI Trends, Market Capitalization & Hardware Specs



AMD

intel

Data Sources: Yahoo Finance (Stock Data), TechPowerUp GPU Database (Specs). | Last Updated: April 2024.

Disclaimer: This dashboard is for educational and analytical purposes only. It does not constitute financial advice. Market data may be subject to delays. Analyst: Aryan Deshpande | Version: 1.0 "Titan"

The Market Wars

Company

- AMD
- ASUS
- Intel
- NVIDIA



AMD

intel.

ASUS

3.077K

Total Products

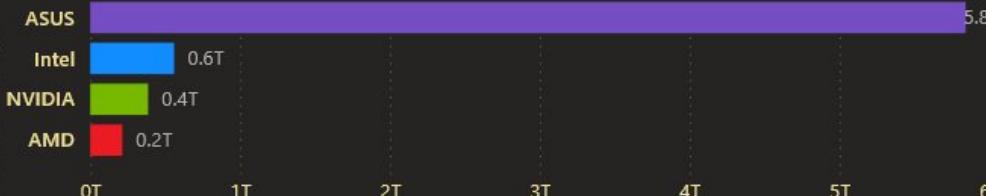
118.54

Stock Volatility

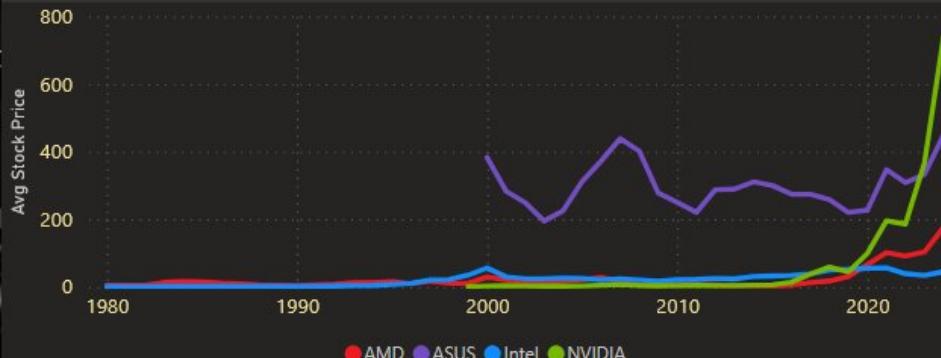
215.49

Total Growth %

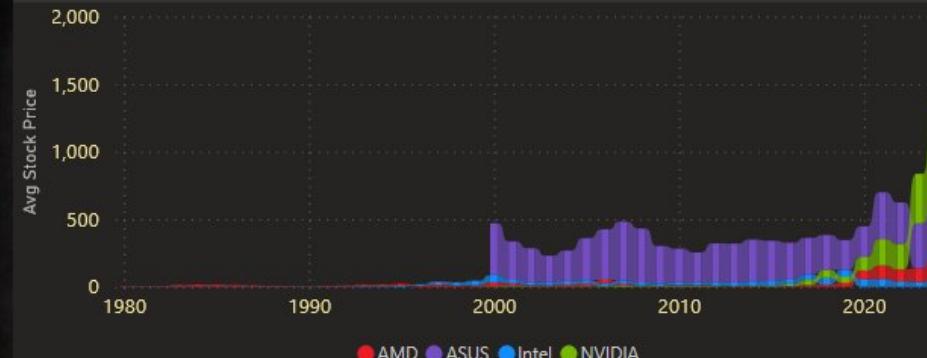
Trading Heat



The Financial Climb: Share Price over Time

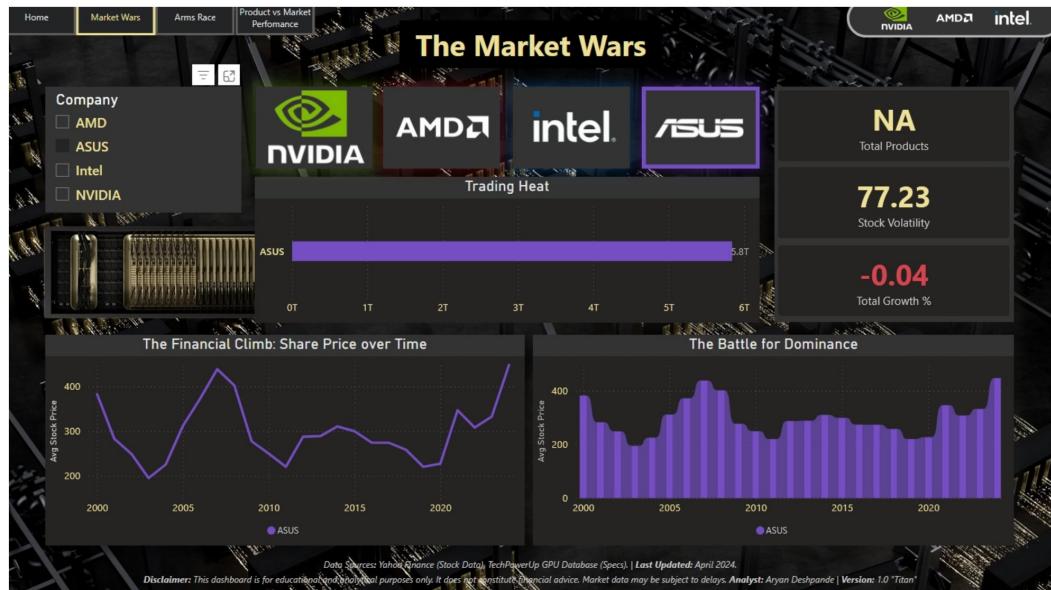
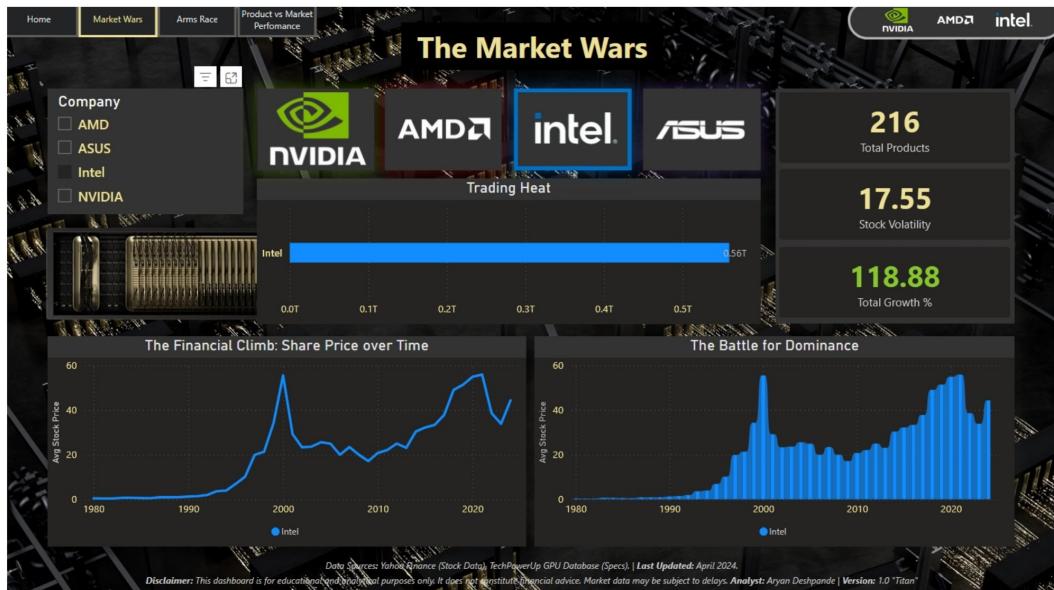
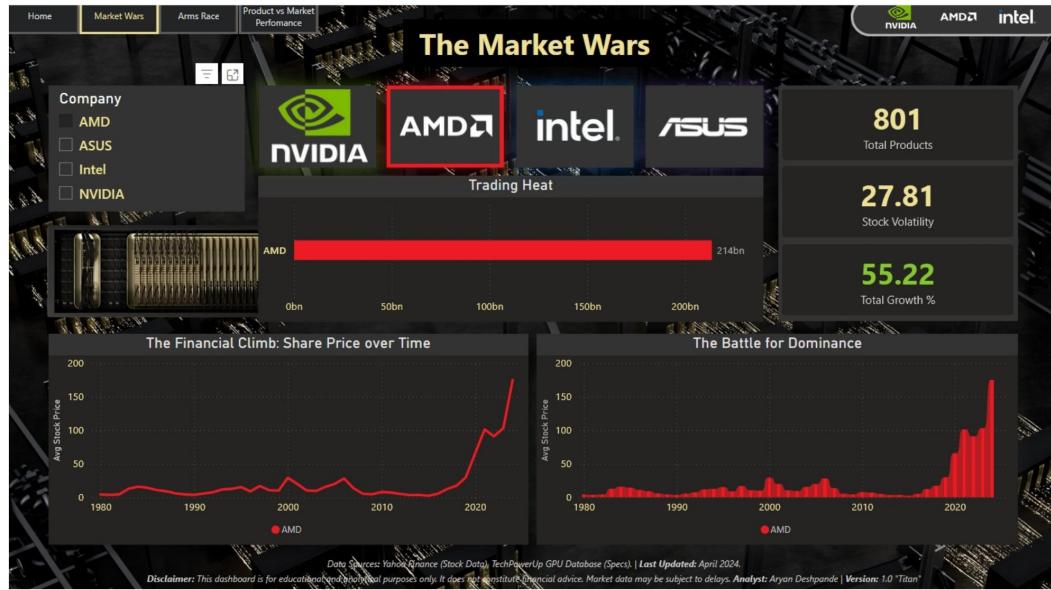
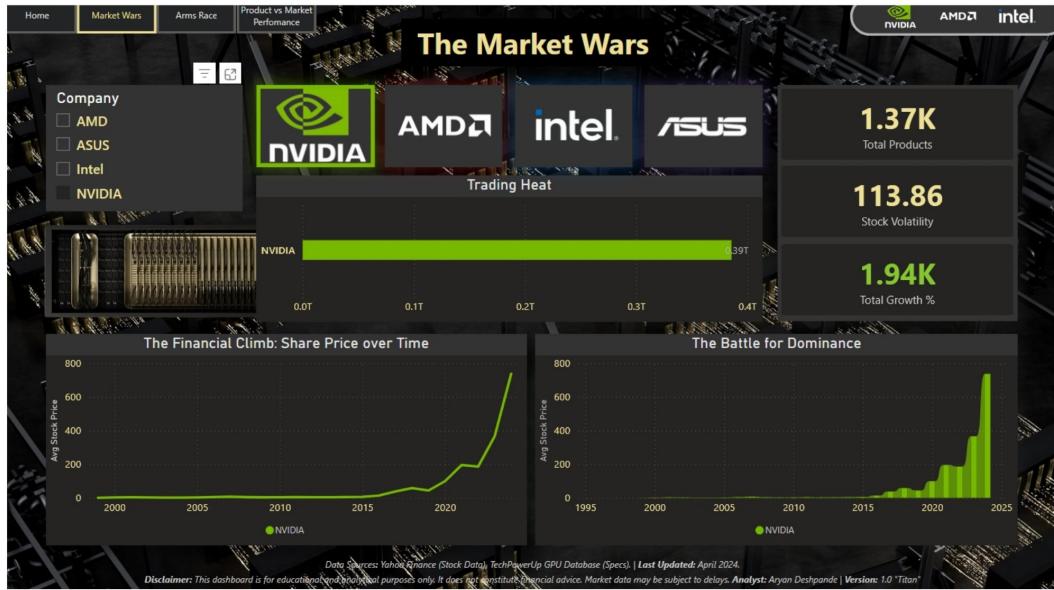


The Battle for Dominance

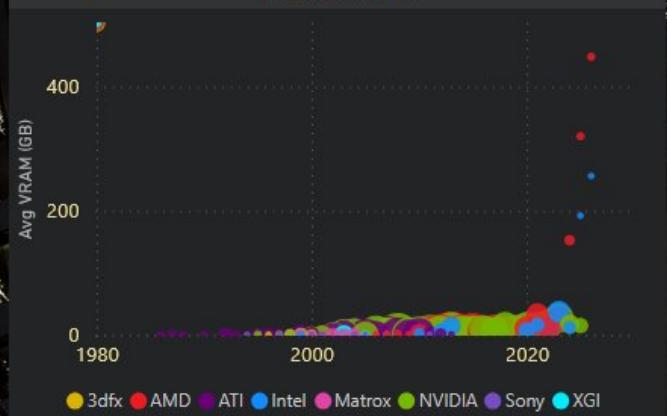
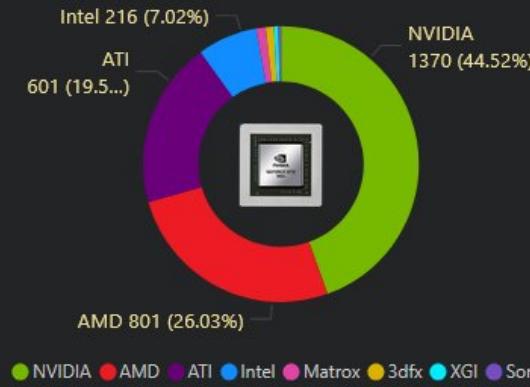
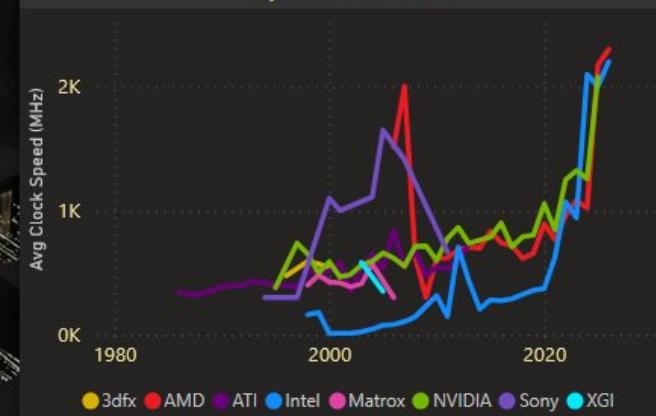


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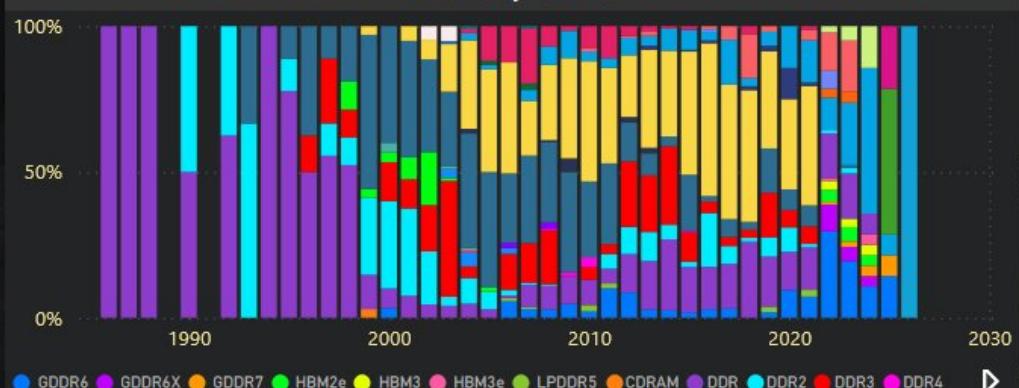
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The Arms Race

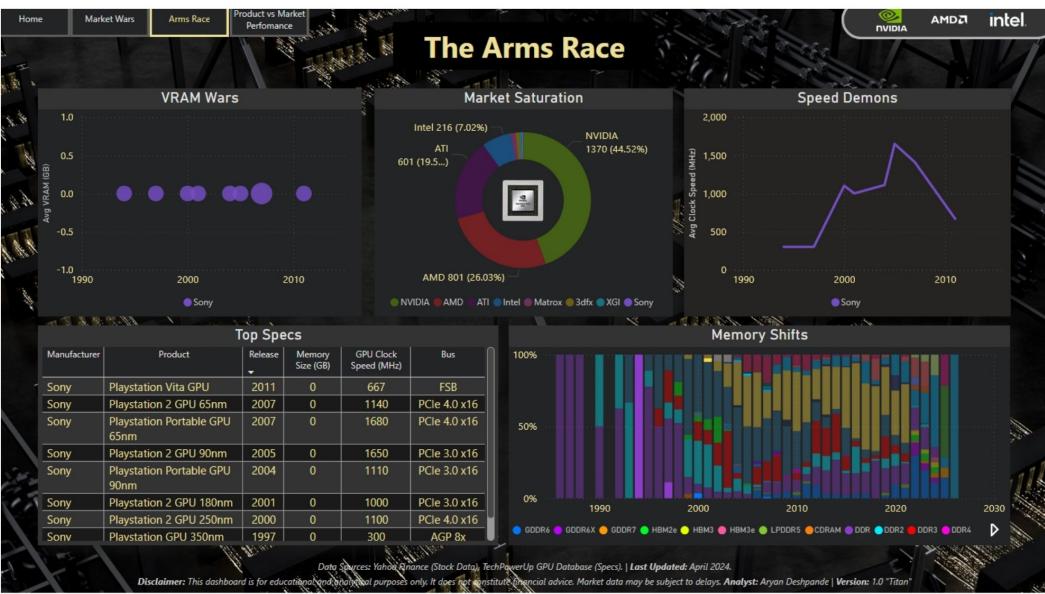
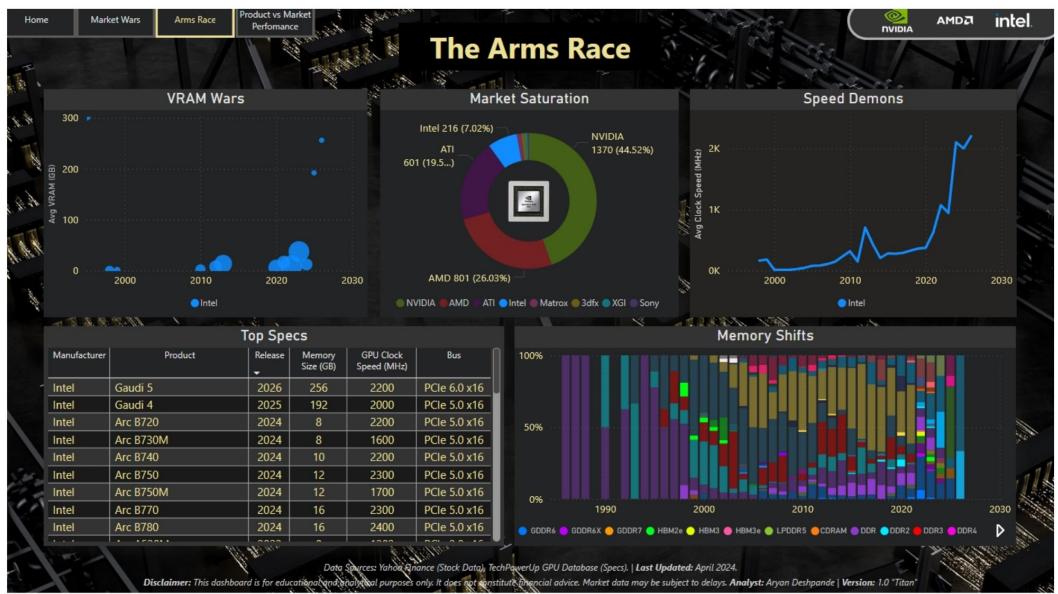
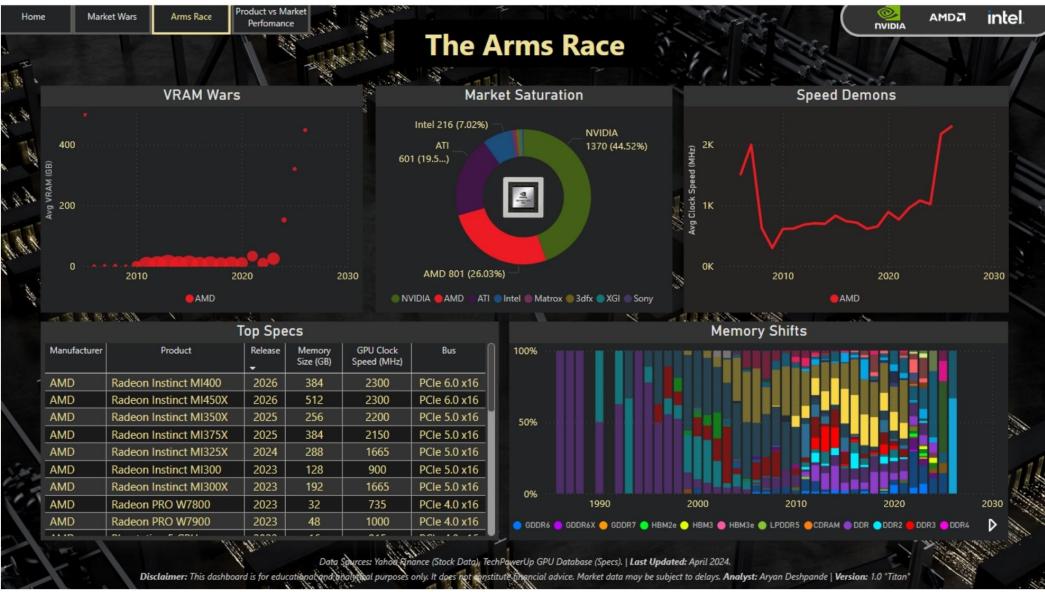
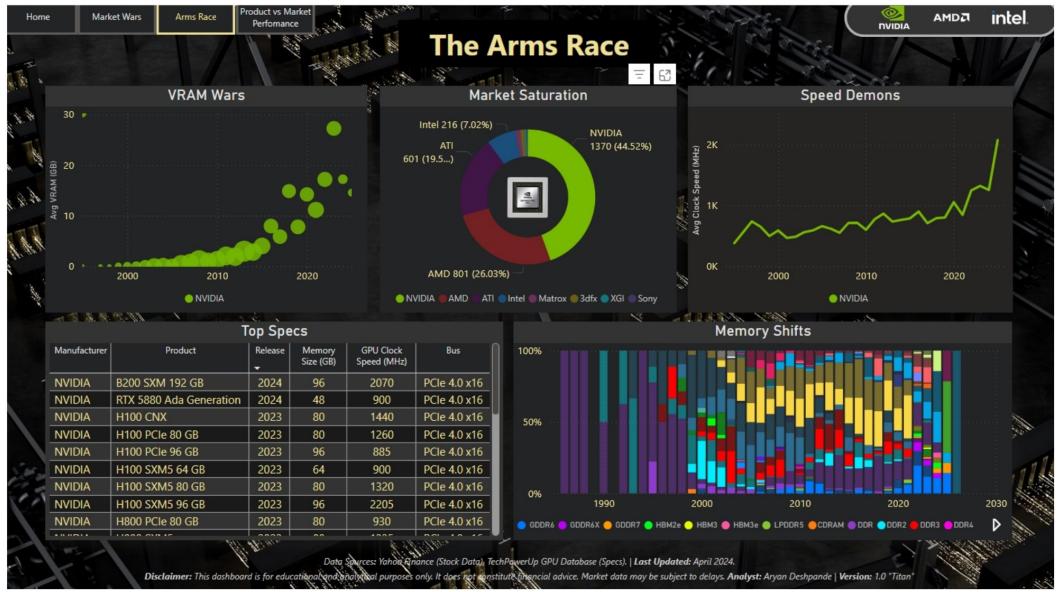
VRAM Wars

Market Saturation

Speed Demons

Top Specs

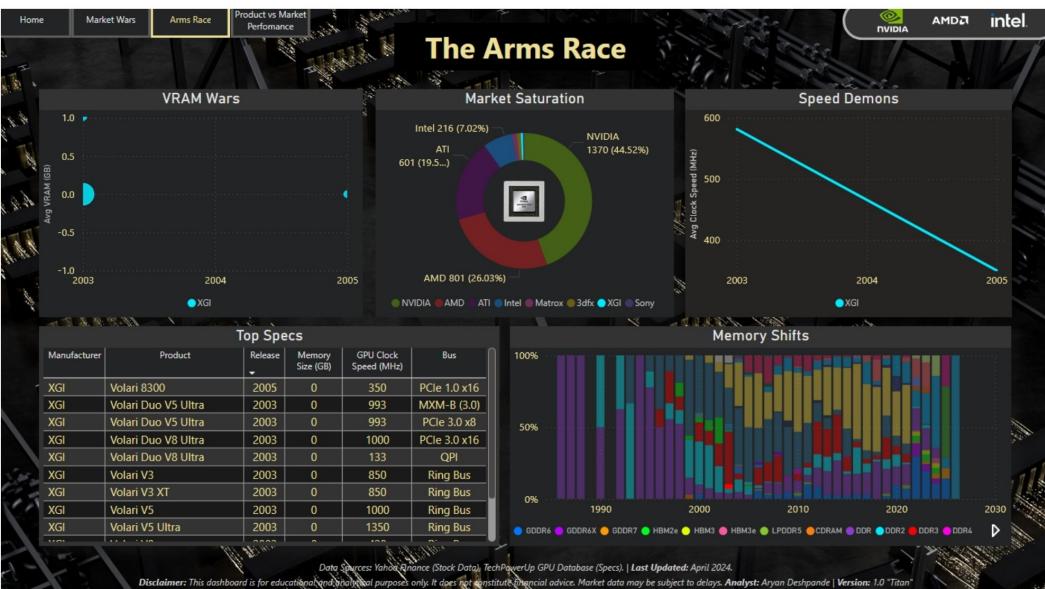
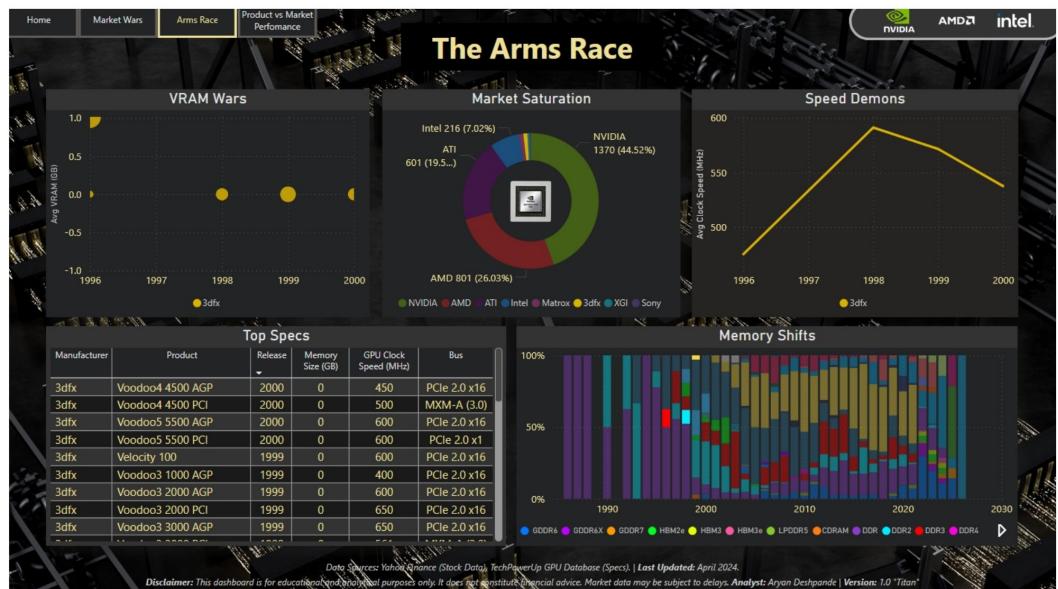
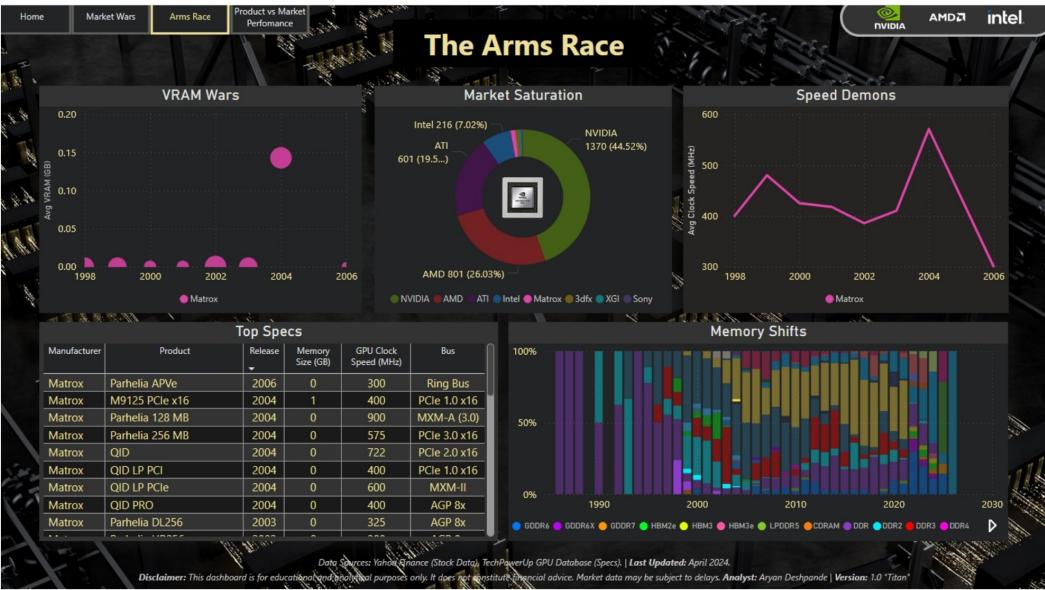
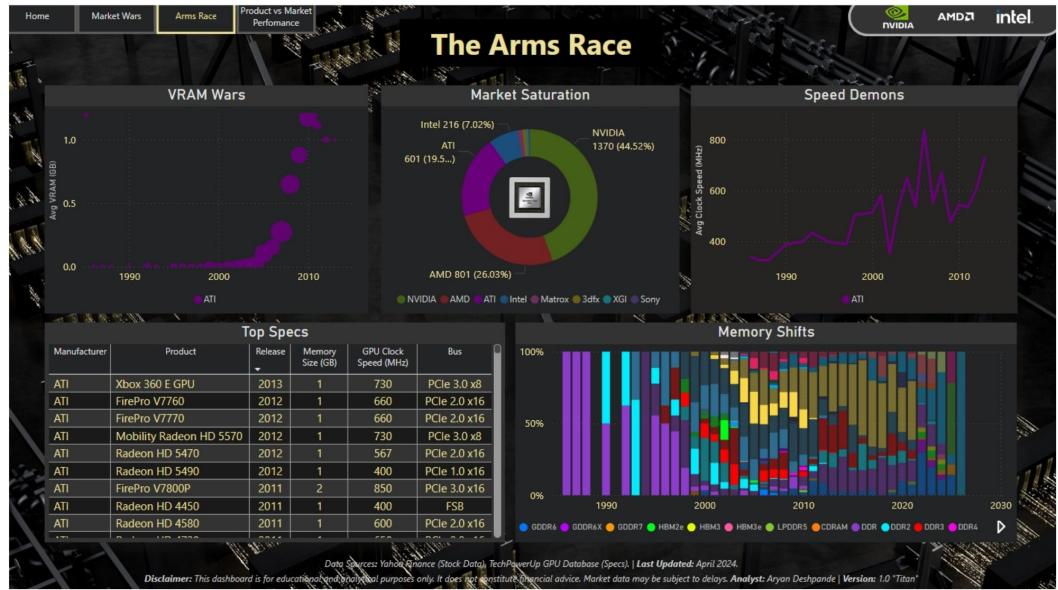
Manufacturer	Product	Release	Memory Size (GB)	GPU Clock Speed (MHz)	Bus
Intel	Gaudi 5	2026	256	2200	PCIe 6.0 x16
AMD	Radeon Instinct MI400	2026	384	2300	PCIe 6.0 x16
AMD	Radeon Instinct MI450X	2026	512	2300	PCIe 6.0 x16
Intel	Gaudi 4	2025	192	2000	PCIe 5.0 x16
AMD	Radeon Instinct MI350X	2025	256	2200	PCIe 5.0 x16
AMD	Radeon Instinct MI375X	2025	384	2150	PCIe 5.0 x16
NVIDIA	B200 SXM 192 GB	2024	96	2070	PCIe 4.0 x16
AMD	Radeon Instinct MI325X	2024	288	1665	PCIe 5.0 x16
Intel	Data Center GPU Max	2023	96	1095	PCIe 5.0 x16

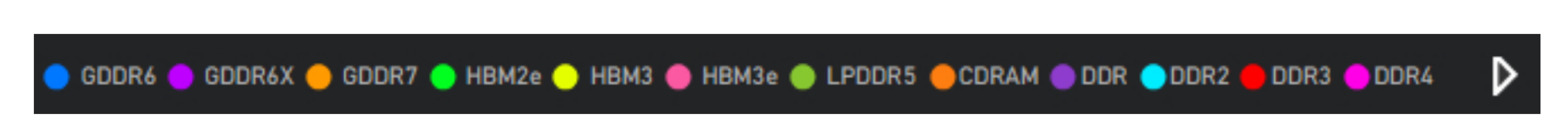
Memory Shifts


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DRAM



EDO



eDRAM



FPM



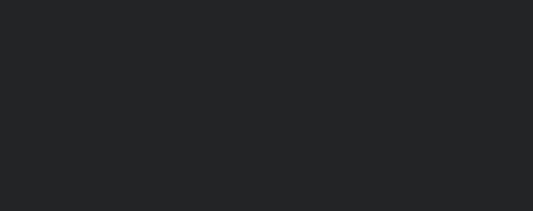
GDDR2



GDDR3



GDDR4



GDDR5X





GDDR7



HBM



HBM2



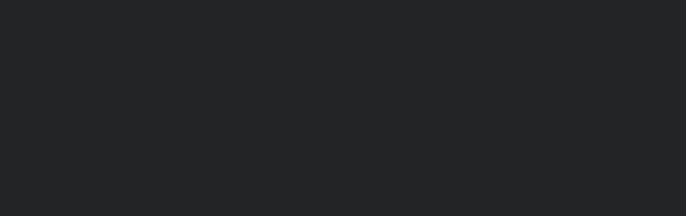
HBM2e



HBM3E



LPDDR4X



SDR

SGRAM

VRAM

Product vs. Market Performance

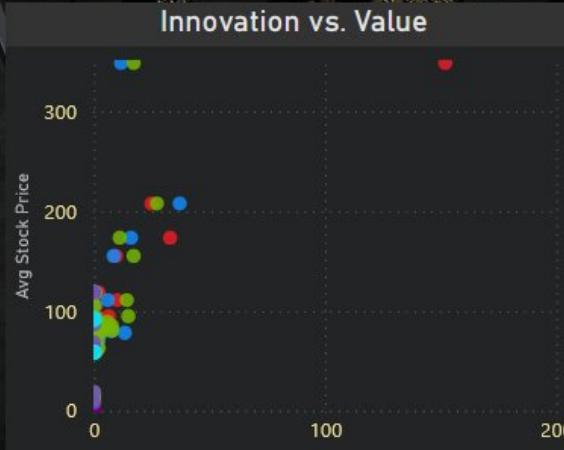
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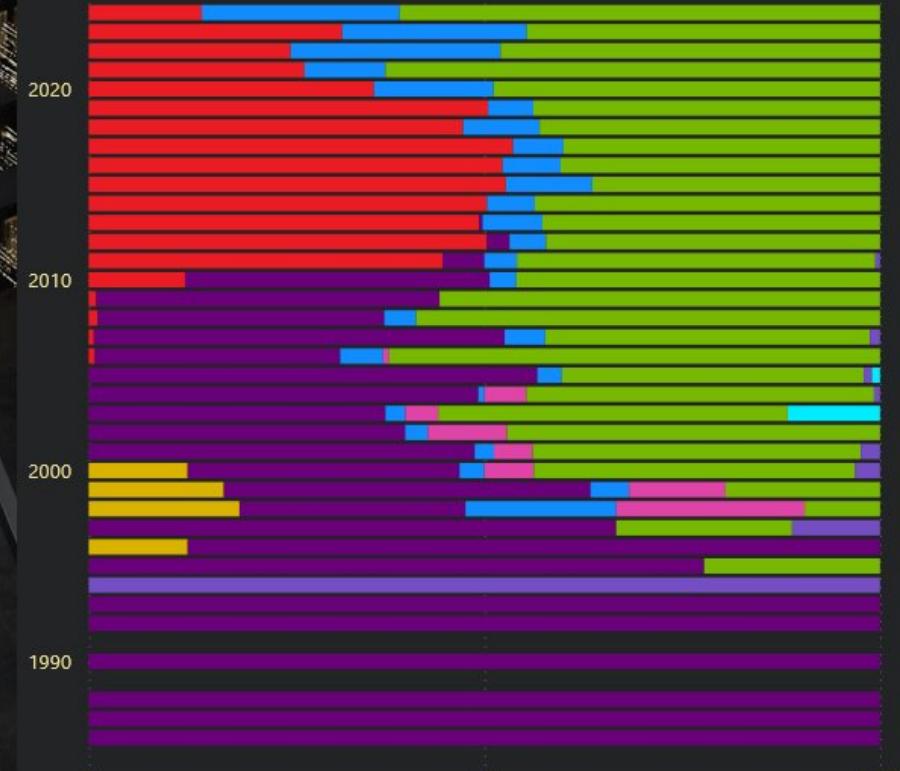
Price-to-Innovation Correlation

0.83

Correlation Coefficient



Market Share by Segment

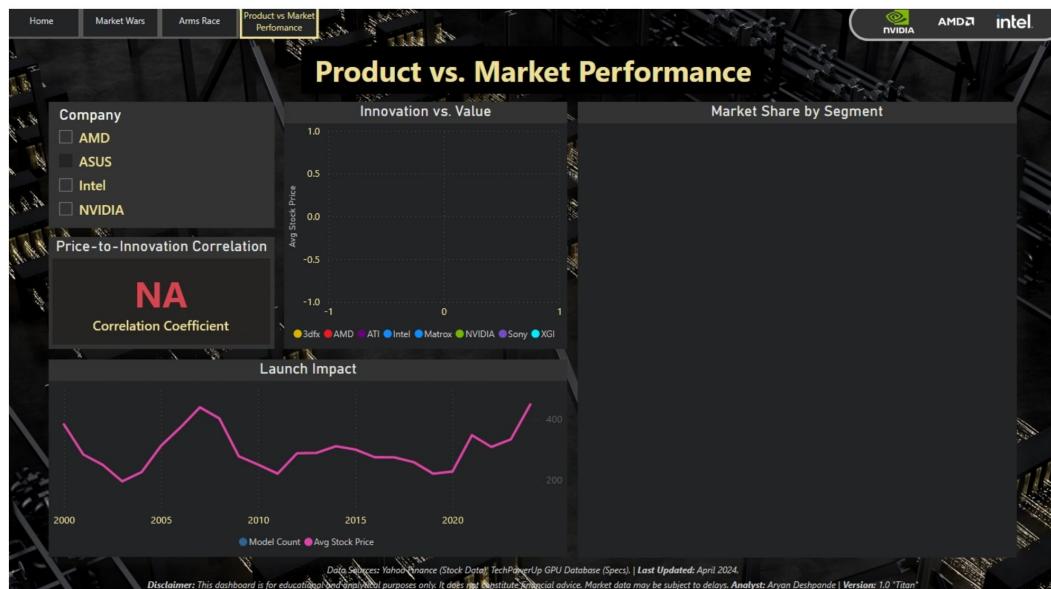
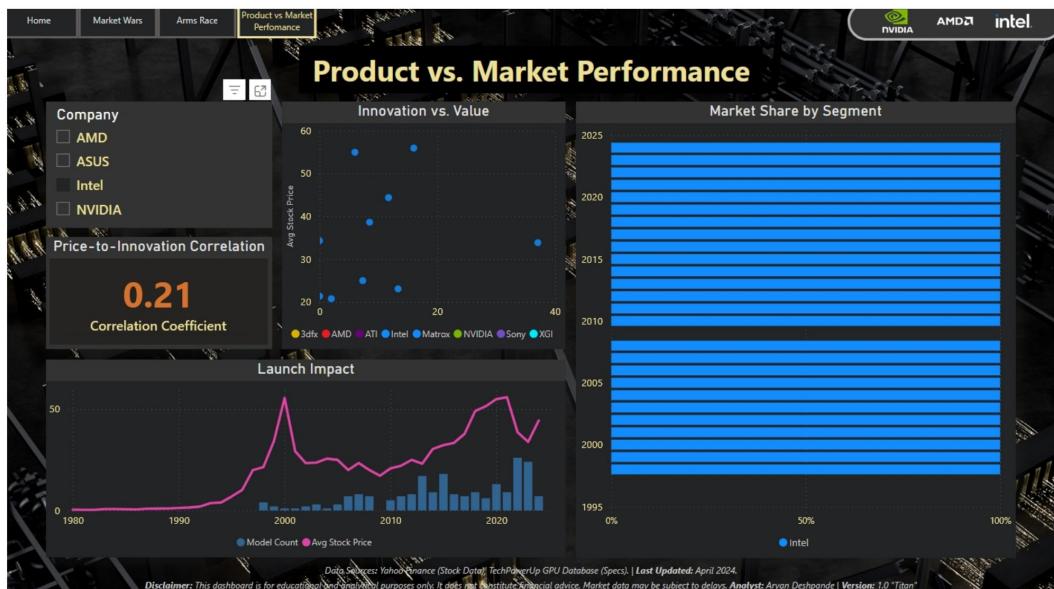
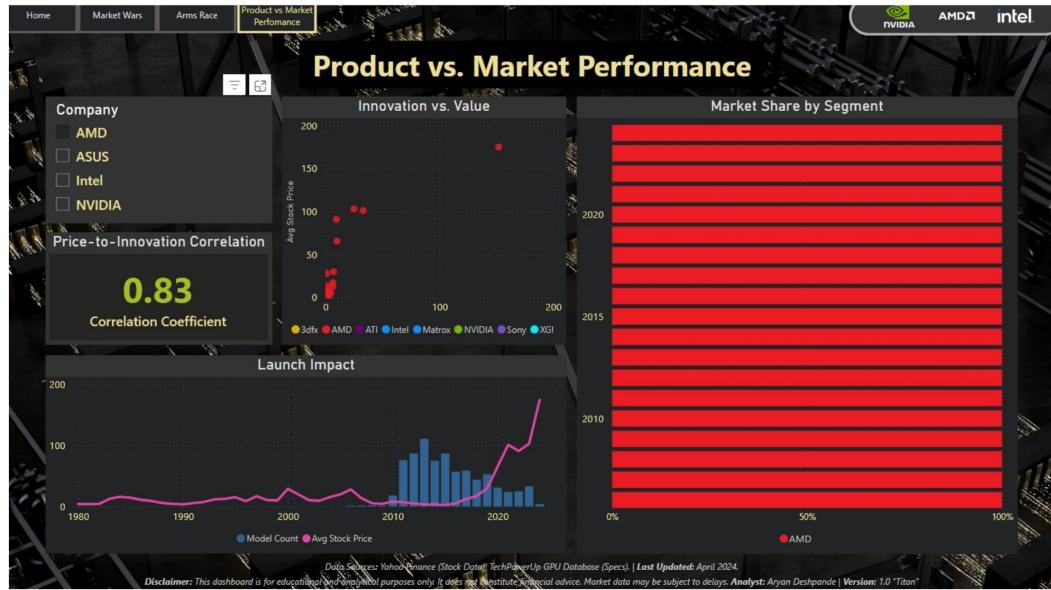
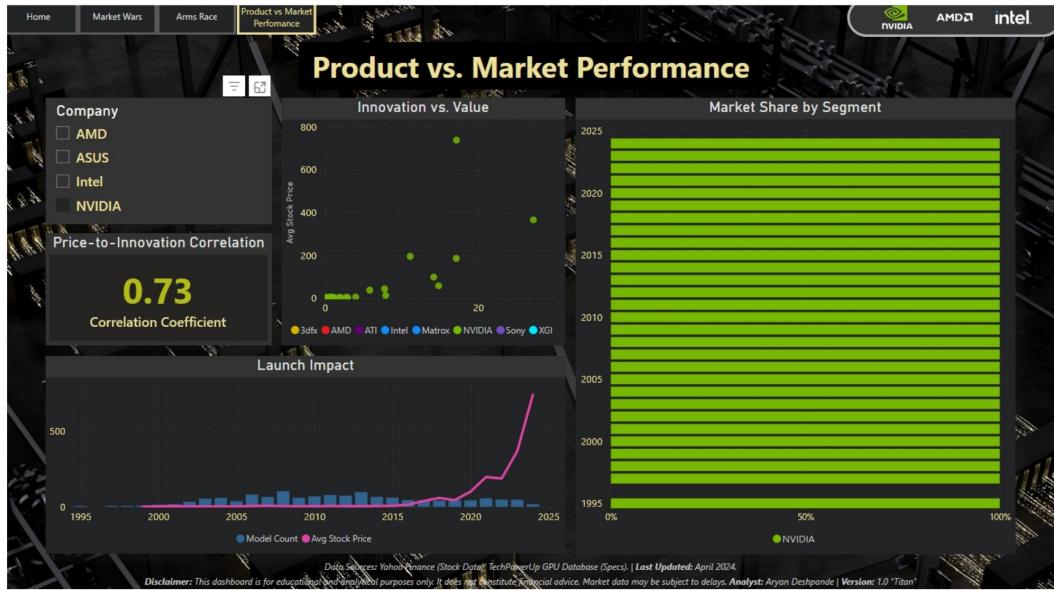


Launch Impact



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NVIDIA

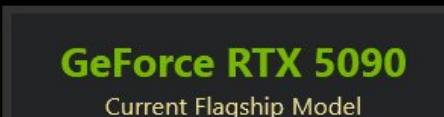
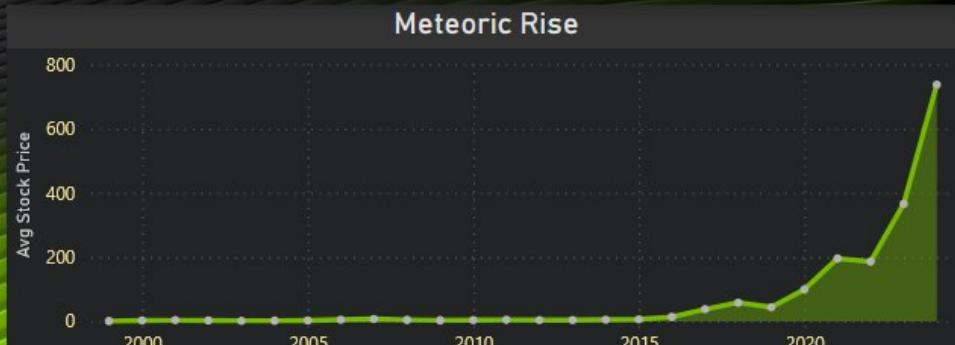
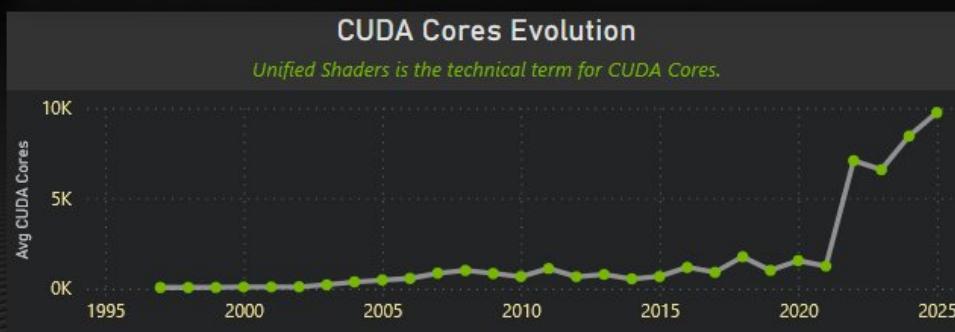
NVIDIA - The Way It's Meant To Be Played™

Home



AMD

intel.

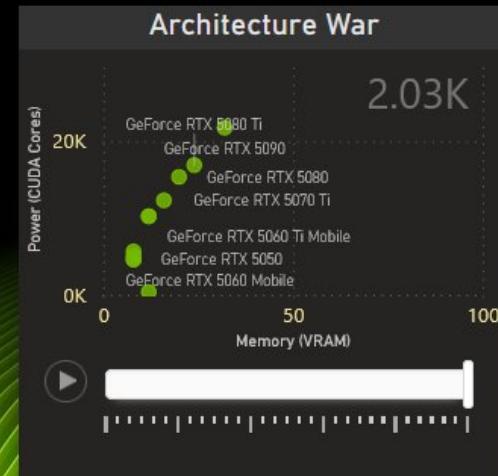
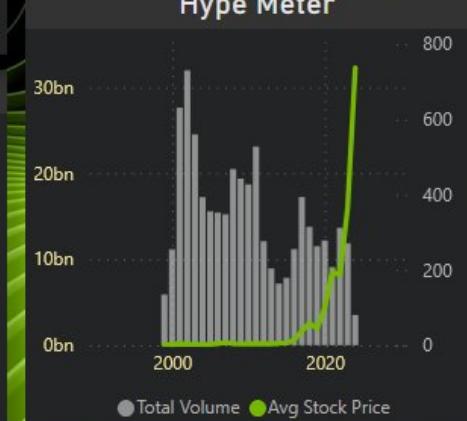


194.12K%

Growth Multiplier



Hype Meter

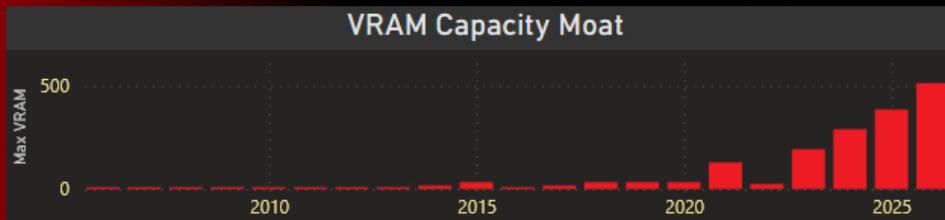


Market Heat vs. Hardware Power

Year	Avg Stock Price	Avg CUDA Cores
2024	736.97	8432.94
2023	365.69	6578.09
2022	185.69	7080.85
2021	195.22	1234.04
2020	98.91	1535.61
2019	43.65	1000.18
2018	58.10	1755.90
2017	37.45	896.00
2016	13.44	1164.65
2015	5.93	662.24

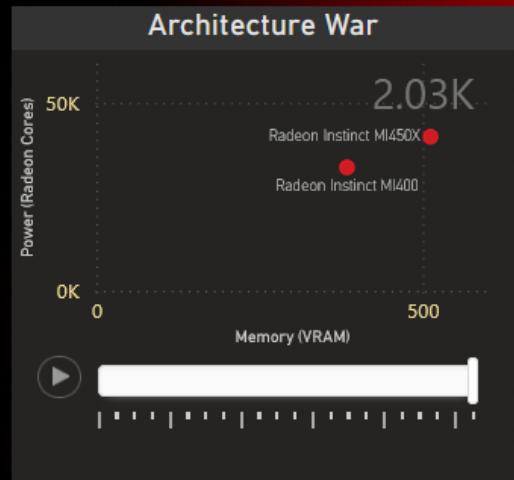
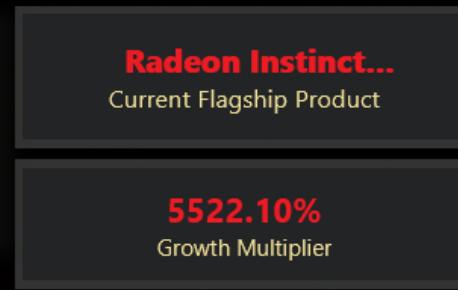
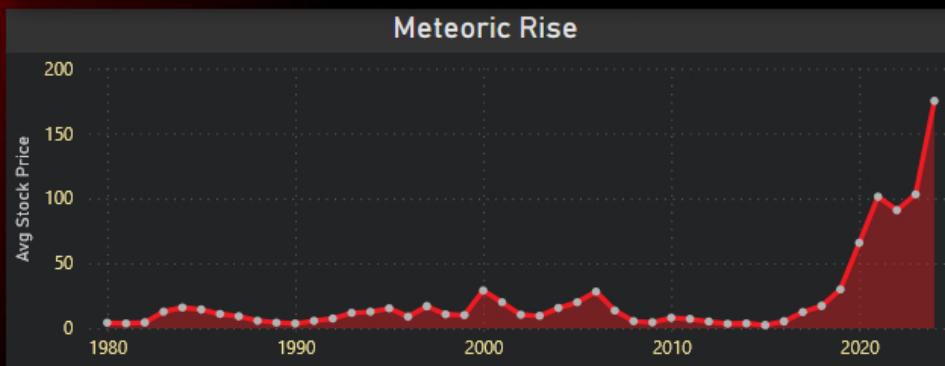
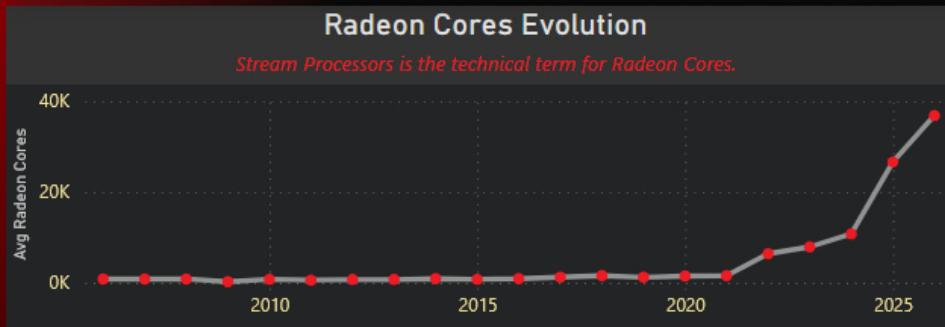
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Radeon Instinct...
Current Flagship Product

5522.10%
Growth Multiplier

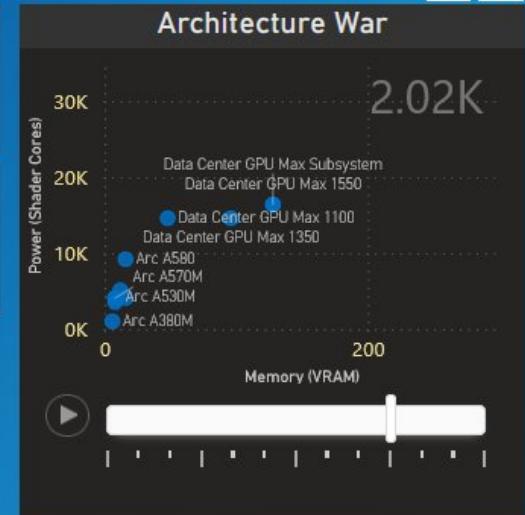
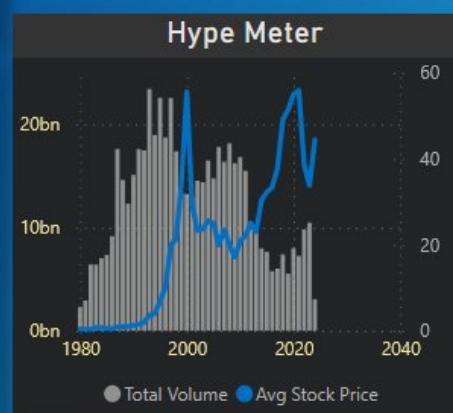
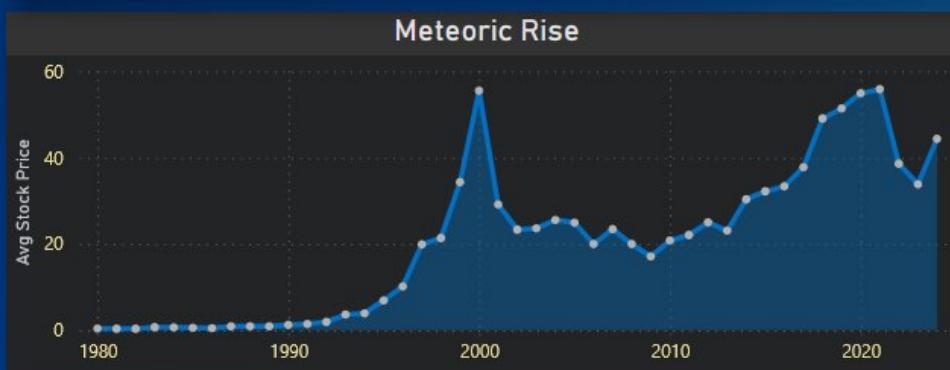
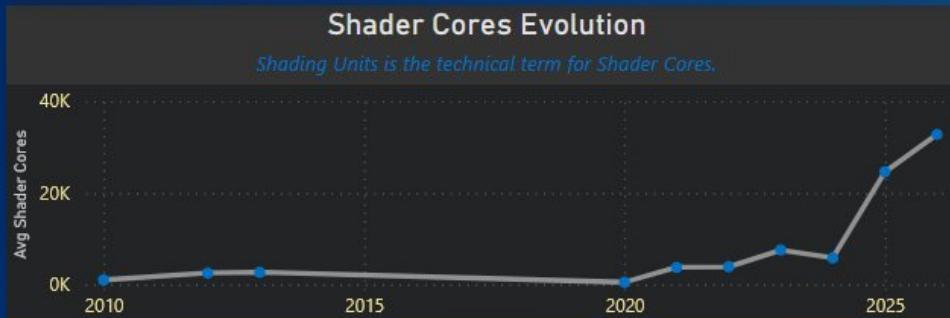


Market Heat vs. Hardware Power

Year	Avg Stock Price	Avg Radeon Cores
2024	174.89	10752.00
2023	103.03	7874.56
2022	90.89	6373.05
2021	101.15	1520.94
2020	65.62	1459.84
2019	29.94	1170.67
2018	17.21	1522.84
2017	12.41	1205.09
2016	5.25	849.60
2015	2.33	733.89

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Market Heat vs. Hardware Power

Year	Avg Stock Price	Avg Shader Cores
2024	44.32	5778.29
2023	33.83	7483.08
2022	38.59	3824.00
2021	55.85	3712.00
2020	54.89	448.00
2019	51.38	
2018	49.05	
2017	37.79	
2016	33.33	

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